

ABSTRACT OF THE DISCLOSURE

*Sub A10*

A routing processing system in a packet transmission is capable of restricting a delay in a routing process per 5 application. The packet transmission routing processing system performs a routing process for an input packet as a routing object and includes parsing and timer processing means for identifying an application corresponding to transmission of an input packet and monitoring a timer value 10 preliminarily provided for the application, and routing and transferring means for determining a port of a transmission destination on the basis of a destination address stored in a routing table, and disposing the packet or transferring the packet to a preliminarily determined route adapting to 15 the identified application when routing process is continued beyond the timer value monitored by the parsing and timer processing means.